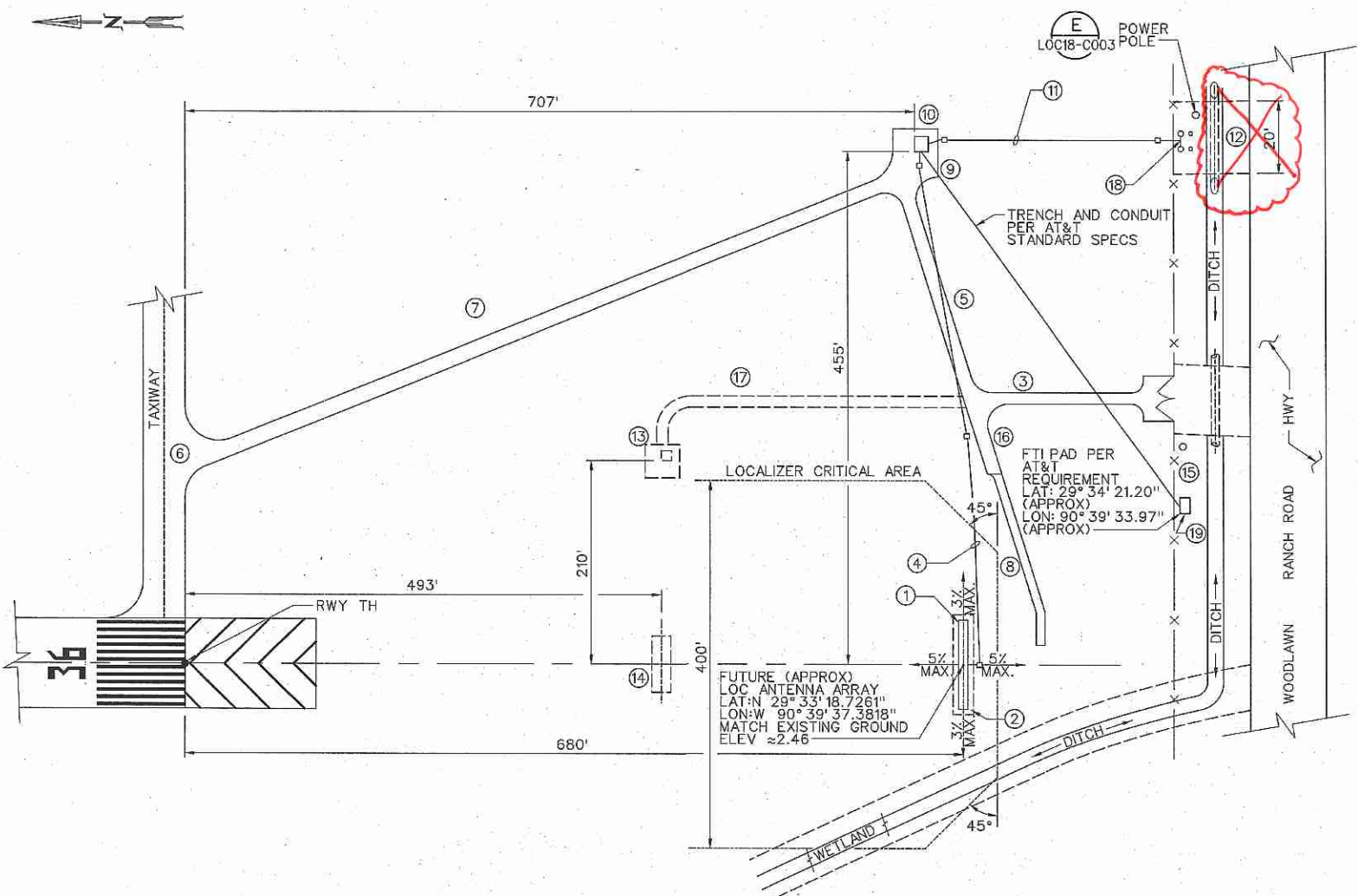
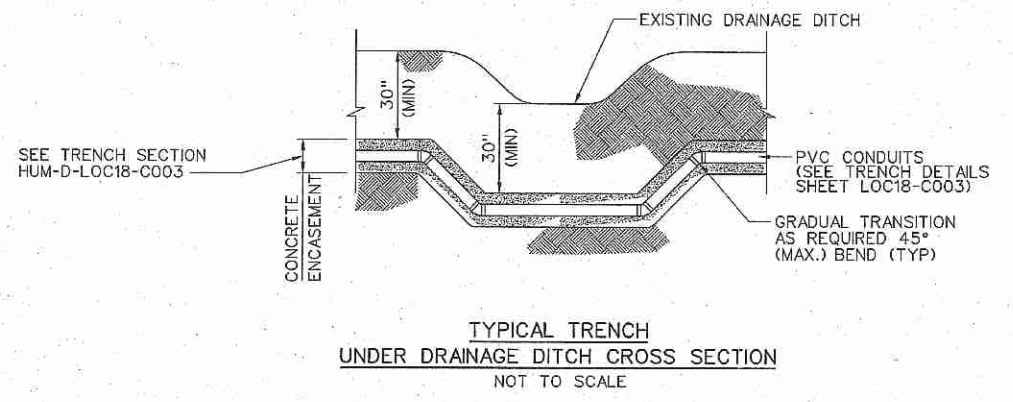


H
G
F
E
D
C
B
A



LOCALIZER-18 SITE PLAN
NOT TO SCALE

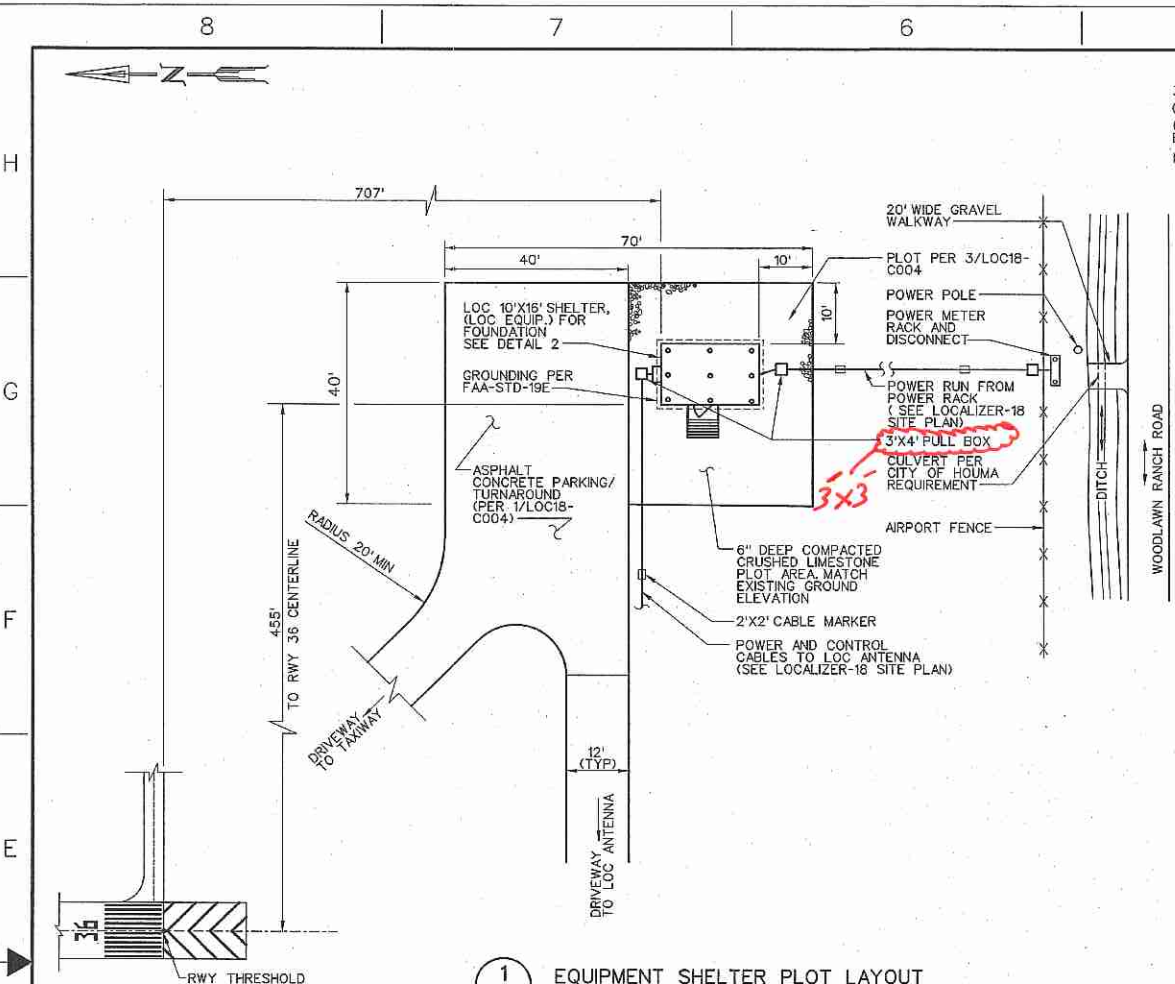


- LEGEND:**
- ① CONTRACTOR SHALL ESTABLISH LOC ANTENNA FOUNDATION PER HUM-D-LOC18-S002.
 - ② CONTRACTOR SHALL INSTALL GRAVEL AROUND THE LOC ANTENNA AS SHOWN IN SHEET HUM-D-LOC18-S002.
 - ③ CONTRACTOR SHALL REFURBISH 200' EXISTING ACCESS ROAD FROM AIRPORT GATE TO THE NEW DRIVEWAY.
 - ④ CONTRACTOR SHALL INSTALL PVC CONDUITS SCHEDULE 40, ± 600 FEET CONCRETE ENCASED FROM LOCALIZER ANTENNA ARRAY TO THE LOC SHELTER. CONTRACTOR SHALL INSTALL 2"x2" CABLE MARKER IN ORANGE COLOR AND ARROW EVERY 200 FEET. CONTRACTOR SHALL INSTALL 3 PULL BOXES (TWO IN BOTH ENDS AND ONE IN THE MIDDLE) FOR THIS CABLE RUN. THE PROVIDED PULL BOXES SHALL BE AIRCRAFT LOAD RATED INSIDE THE RSA.
 - ⑤ CONTRACTOR SHALL ESTABLISH ± 140' COMPACTED GRAVEL ACCESS ROAD 12 FEET WIDE PER HUM-D-LOC18-C004 (DETAIL 2) TO LOCALIZER SHELTER WITH GEOTEXTILE FABRIC.
 - ⑥ CONTRACTOR SHALL CONTACT AIRPORT AND FAA PERSONNEL TO DETERMINE THE START POINT FOR THE ROAD AT THE TAXIWAY. HAND TRENCHING SHALL BE USED TO AVOID ANY DAMAGE TO THE RUNWAY EDGE LIGHT AND CABLES. CONTRACTOR SHALL MATCH THE SLOPE AND THE ELEVATION OF THE TAXIWAY AT THE POINT OF INTERSECTION WITH THE PROPOSED ROAD TO THE LOC SHELTER. THE CONNECTION BETWEEN THE DRIVEWAY AND THE TAXIWAY SHALL BE APPROVED BY THE AIRPORT MANAGER.
 - ⑦ CONTRACTOR SHALL FURNISH 12' WIDE AND ± 720 FEET LONG ROAD PER SHEET HUM-D-LOC18-C004 (DETAIL 1) FROM THE TAXIWAY TO THE LOC SHELTER PLOT.
 - A. ALL RADIIUSES FOR ALL NEW ACCESS ROADS AND DRIVEWAYS SHALL BE 20' MINIMUM.
 - B. CONTRACTOR SHALL INSTALL 12" CULVERTS FOR DRAINAGE PER STANDARD DRAWING SW-D-9492 (STANDARD DRAWING SW-D-9492 (DETAIL CULVERT SECTION) FOR ALL ROADS AND DRIVEWAYS EVERY ± 250 FEET.
 - ⑧ CONTRACTOR SHALL PROVIDE 200'x6' WALKWAY ENDED BEHIND THE LOCALIZER CRITICAL AREA.
 - ⑨ CONTRACTOR SHALL INSTALL THE PLOT AREA AROUND THE SHELTER PER HUM-G-LOC18-S001 (DETAIL 1).
 - ⑩ CONTRACTOR SHALL ESTABLISH NEW FOUNDATION FOR THE LOCALIZER SHELTER PER HUM-D-LOC18-S001. CONTRACTOR SHALL PROVIDE FIBERGLASS STEPS WITH HAND RAIL CONFORMING TO OSHA REQUIREMENTS. THE MAX. DIFFERENCE SHALL NOT EXCEED 1" BETWEEN THE ELEVATION OF THE SHELTER FLOOR AND THE STEPS LANDING.
 - ⑪ CONTRACTOR SHALL INSTALL +/- 340' PVC CONDUIT FOR POWER TO RUN FROM THE METER RACK OUTSIDE THE AIRPORT FENCE TO LOCALIZER SHELTER WITH TWO PULL BOXES (ONE NEXT TO THE SHELTER AND THE OTHER INSIDE THE FENCE NEXT TO METER RACK). CONTRACTOR HAS TO PROVIDE 3-10' PVC SCHEDULE 80 AND FITTING REQUIRED FROM POWER COMPANY FOR THE VERTICAL POWER LINE TO THE POWER POLE.
 - ⑫ CONTRACTOR SHALL BACKFILL THE AREA IN THE FRONT OF THE METER RACK AND INSTALL NEW CULVERT PER THE CITY OF HOUMA REQUIREMENT. CONTRACTOR SHALL COORDINATE WITH THE AIRPORT AUTHORITY TO PROVIDE THE PERMIT FROM THE CITY FOR THE INSTALLATION.
 - A. CONTRACTOR SHALL INSTALL 6" DEEP AND 18" DIAMETER PIER FOR THE METER RACK.
 - B. THE METER RACK SHALL BE STAINLESS STEEL 5' MINIMUM ABOVE GRADE.
 - C. CONTRACTOR SHALL INSTALL 2 GUINED POSTS PER DRAWING HUM-D-LOC18-C001 (DETAIL 2).
 - ⑬ SSC PERSONNEL SHALL REMOVE THE ELECTRONIC EQUIPMENT. CONTRACTOR TO CRATE AND SHIP TO OKLAHOMA CITY DEPOT. THE CONTRACTOR SHALL REMOVE EXISTING FOUNDATION (MINIMUM 2 FEET UNDERGROUND ELEVATION) AND EXISTING LOC SHELTER OUTSIDE THE AIRPORT PROPERTY. CONTRACTOR SHALL DEMOLISH 40'x60' PARKING AREA, BACKFILL AND RESEED TO MATCH THE SURROUNDING AREA.
 - ⑭ SSC PERSONNEL SHALL REMOVE EXISTING ANTENNA ARRAY ELEMENTS. CONTRACTOR TO CRATE AND SHIP TO OKLAHOMA CITY DEPOT. CONTRACTOR SHALL REMOVE EXISTING FOUNDATION (MINIMUM 2 FEET UNDERGROUND). CONTRACTOR SHALL BACKFILL AND RESEED TO MATCH THE SURROUNDING AREA.
 - ⑮ CONTRACTOR SHALL COORDINATE WITH POWER COMPANY AND PAY FOR ALL THE MATERIALS, FEES AND COSTS ASSOCIATED TO RELOCATE THE EXISTING METER, REMOVE THE WOOD POST AND DISCONNECT SWITCH AND UPGRADE THE TRANSFORMER.
 - ⑯ CONTRACTOR SHALL ESTABLISH 100' COMPACTED GRAVEL ACCESS ROAD 12' WIDE TO LOCALIZER ANTENNA WITH GEOTEXTILE PER HUM-D-LOC18-C004 (DETAIL 2).
 - ⑰ CONTRACTOR SHALL DEMOLISH 300' LONG AND 12' WIDE GRAVEL ROAD. CONTRACTOR SHALL BACKFILL AND RESEED TO MATCH SURROUNDING AREA.
 - ⑱ INSTALL METER RACK PER HUM-D-LOC18-E003.
 - ⑲ CONTRACTOR SHALL COORDINATE WITH AT&T COMPANY AND PAY FOR ALL THE MATERIALS, FEES, AND COST ASSOCIATED TO LOCATE FTIPAD TO PROVIDE DIRECT TELECOMMUNICATION ACCESS TO THE LOCALIZER SHELTER AT OR CLOSE TO THE PROPOSED LOCATION. TRENCH FROM THE FTIPAD TO THE LOCALIZER SHELTER, MOUNT THE DEMARC BOX, AND PROVIDE ALL THE REQUIRED CONNECTIONS TO THE DEMARC BOX ACCORDING TO AT&T STANDARD AND SPECIFICATION. THE CONTRACTOR SHALL COMPLETE THE SITE PREPARATION FOR THE TELECOMMUNICATION PAD AND PATH AT EARLY CONSTRUCTION STAGE TO ALLOW AT&T TO COMPLETE THE REQUIRED CONNECTION TO THEIR ACCESS POINT.

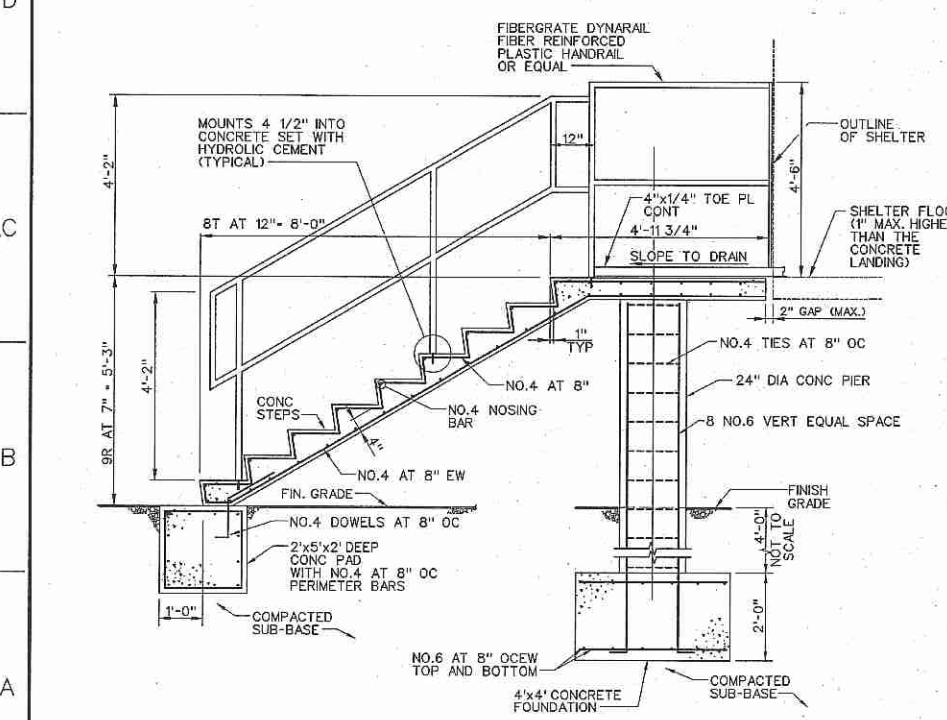
REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS CENTRAL SERVICE AREA					
LOC					
LOCALIZER SITE PLAN DETAILS					
HOUMA		HOUMA-TERREBONNE AIRPORT		LA	
REVIEWED BY	SUBMITTED BY	APPROVED BY			
	<i>Ashraf Megall</i>	<i>John J. Smith</i>			
DESIGNED BY	PROJECT ENGINEER	MGR: ENGINEERING - FORT WORTH			
DESIGNED BY	AM	DATE		05/19/2010	
DRAWN	SLH	ISSUED BY		JCN	
CHECKED		ENGINEERING SERVICES		DRAWING NO	
		NAVAIDS		HUM-D-LOC18-C002	

hum-d-loc18-c002.dgn
3/1/2012 4:21:46 PM
paul.cir.roland

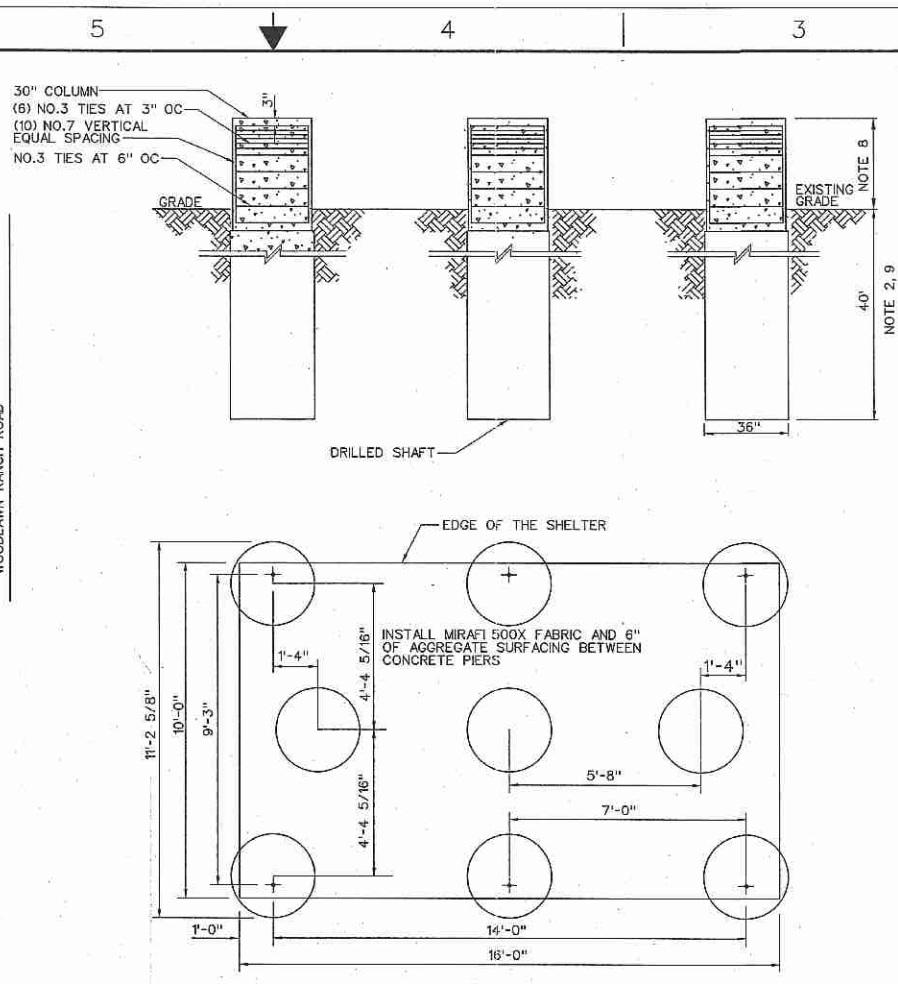
ISSUED FOR:
A



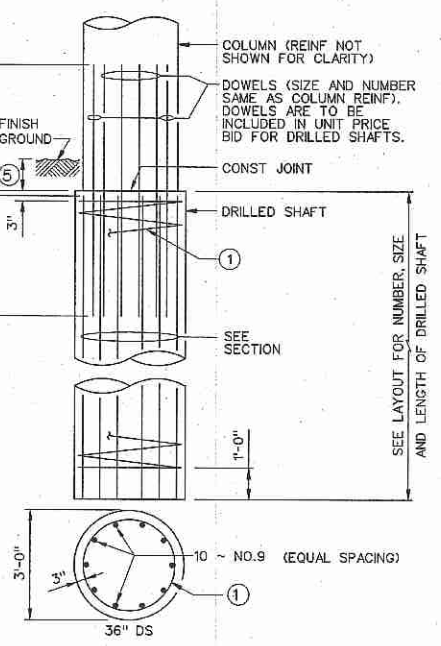
1 EQUIPMENT SHELTER PLOT LAYOUT
S001 NOT TO SCALE



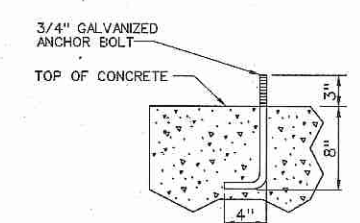
3 SECTION
S001 SCALE: 1/2" = 1'-0"



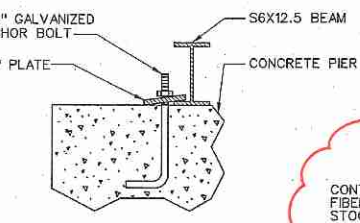
2 COLUMN LAYOUT
S001 NOT TO SCALE



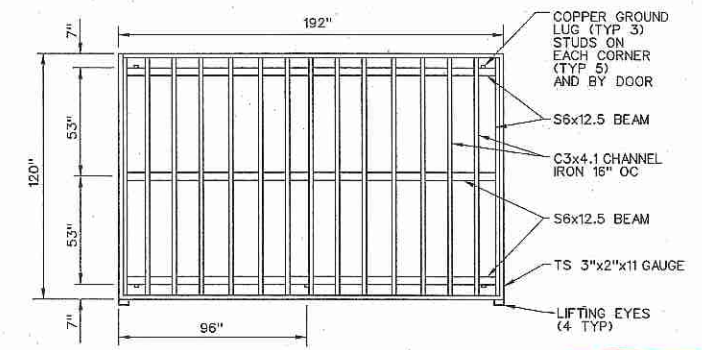
4 DRILLED SHAFT DETAILS
S001 NOT TO SCALE



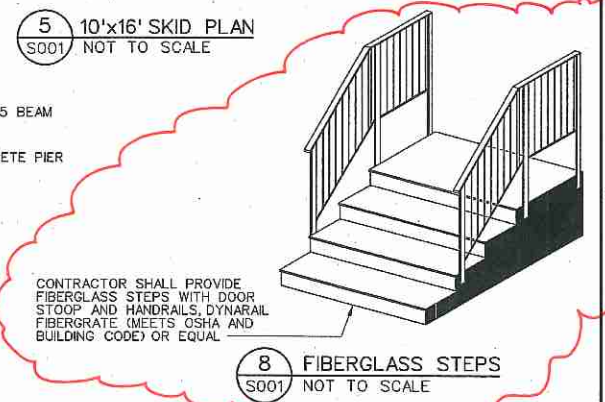
6 ANCHOR BOLT DETAIL
S001 NOT TO SCALE



7 TIE-DOWN DETAIL
S001 NOT TO SCALE



5 10'x16' SKID PLAN
S001 NOT TO SCALE



8 FIBERGLASS STEPS
S001 NOT TO SCALE

DRILLED SHAFT SECTIONS

- 1 NO.3 SPIRAL AT 6" PITCH (ONE FLAT TURN TOP AND BOTTOM)
- 2 NOT USED
- 3 MIN LAP WITH COLUMN REINF:
NO.7 BARS - 2'-4"
NO.9 BARS - 3'-10"
- 4 NOT USED
- 5 6" MIN, 1'-0" MIN IN CHANNEL

SCALE: 1/2" = 1'-0"

GENERAL NOTES:

1. CONCRETE SHALL BE TYPE A(M) FOR COLUMN, TYPE A(M) FOR THE SHELTER AND ANTENNA DRILLED SHAFTS PER LSSRB.
2. FOUNDATION DEPTH SHOWN IS MINIMUM AND MAY VARY DUE TO LOCAL SOIL CONDITIONS.
3. IF FILL OR GRADING IS REQUIRED IT SHALL BE BUILT UP IN LAYERS NOT EXCEEDING 6". EACH LAYER IS THOROUGHLY TAMPED AND COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT. GRADING OF SOIL AND ROCK ARE SUCH THAT ALL DRAINAGE IS AWAY FROM FOUNDATIONS.
4. UNLESS OTHERWISE NOTED ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR.
5. EXPANSION ANCHOR BOLTS, NUTS AND WASHERS ARE STAINLESS STEEL, ASTM-A325.
6. COLUMN AND DOOR STOOP ELEVATIONS HORIZONTALLY LEVEL WITH EACH OTHER + 1/8". INDIVIDUAL DRILLED SHAFTS SURFACES ARE LEVEL + 1/16".
7. SHELTER ON AND OFF LOADING DATA.
SIZE - 10'x16'
WEIGHT - 10,000 LBS.
METHOD - LIFTING RINGS ARE PROVIDED IN THE SHELTER SUPPORT "I" BEAMS, ALLOWING CRANE LOADING AND UNLOADING SPREADER BARS ARE REQUIRED BETWEEN CABLES.
8. ADJUST LENGTH OF COLUMN FOR SHELTER FLOOR TO BE 1" MAXIMUM HIGHER THAN THE CONCRETE LANDING.
9. COMPLY WITH SECTION 804, STANDARD SPECIFICATION FOR ROAD AND BRIDGES (LSSRB), LATEST EDITION.
10. THE EXCAVATION SHALL BE SHORED OR SHAPED PER OSHA REQUIREMENTS.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	REV
<p>DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS CENTRAL SERVICE AREA</p> <p>LOC LOCALIZER SHELTER FOUNDATION PLAN, SECTIONS, AND DETAILS</p>					
<p>HOUMA SUBMITTED BY: <i>Aswath Megall</i> PROJECT ENGINEER DESIGNED: AM DRAWN: REC CHECKED: REC</p> <p>HOUMA-TERREBONNE AIRPORT APPROVED BY: <i>Edna Kennedy</i> MGR: ENGINEERING - PORT WORTH DATE: 11/13/2009 ISSUED BY: ENGINEERING SERVICES NAVARS DRAWING NO: HUM-D-LOC18-S001</p>					